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Maine Perspective

A PUBLICATION
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Photo by Monty Rand

New Health Professions Mentor Program Offered in Conjunction with Eastern Maine Medical Center

University of Maine students soon will make the rounds with area doctors, dentists, veterinarians and other health professionals in the community through an unusual professional mentor program established by UMaine and physicians from Eastern Maine Medical Center.

The program, somewhat like an internship, is beginning on a small scale this summer with about four students taking part. By the fall semester, about 80 health professions students at the University are expected to be paired with a local mentor.

Regional Gulf Research Program Established

A \$2 million tri-state marine research program for the Gulf of Maine, headquartered at the University of Maine, will, for the first time, coordinate marine research throughout the region in what scientists say is a much-needed effort to understand and protect Gulf resources from Maine to Massachusetts.

The federally funded Gulf of Maine Regional Marine Research Program will support Gulf research at marine science institutions in Massachusetts, New Hampshire and Maine. Eight new projects, including a study of toxic red tides, have been funded this year to build a scientific framework for environmental and fisheries management.

The program is one of nine regional marine

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Students will be linked one-on-one with local professionals and will have an opportunity to work side-by-side in offices, make patient rounds, interview patients, and attend conferences with their mentors. "It will allow the students to get a better idea of what the profession is all about and it will help to continue to kindle their interest," said Dr. James Hirschfeld, chief of pediatrics at EMMC.

"Hopefully the mentor will get to know the student well enough to counsel, advise and provide references for professional schools," said Hirschfeld, who helped organize the program with Harold Dowse, UMaine associate professor of zoology.

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In Perspective

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UMaine President Curbs Preferential Parking on Campus

The University of Maine's two-tiered employee parking system will be a thing of the past starting Sept. 1 as a result of action announced recently by UMaine President Fred Hutchinson.

Speaking at a breakfast meeting he hosted for support staff, Hutchinson announced that he is eliminating the long-standing policy of designating certain parking areas for faculty, administrators and specific categories of employees. In most instances, these preferred parking areas are closer to University buildings.

Hutchinson intends to convert all employee parking areas - currently designated by blue or green signs and corresponding parking permits - into general employee lots with spaces available to all employees on a first-come, first-served basis.

The change will create a greater sense of community and respect for the work of all University employees, regardless of role or function, according to Hutchinson.

"Under the new system, the support staff who open the buildings and get the offices running early in the morning will have the same chance to compete for the best parking spaces, and that's just how it should be," he said.

Since the mid-1970s, UMaine employees have purchased different colored parking decals based on job classification - blue for faculty, and professional and supervisory classified staff, and green for all other personnel. Blue decals allow access to parking lots nearer the center of campus. This fall, all employees will receive a blue and white sticker which will allow them to vie for spaces anywhere on campus. And everyone will pay the same price for decals - \$25, a \$10 savings for faculty and staff who paid extra to take a chance on finding a parking spot in the formerly designated lots near their offices. *continued on page 6*

Visitors' Center Established to Better Meet Needs of Public

In response to concerns that the University of Maine needs to be a more inviting, user-friendly place for the public, UMaine President Fred Hutchinson has established a Visitors' Center in Chadbourne Hall.

Located in the lobby, the Visitors' Center offers one-stop convenience for campus visitors needing information and referrals, directions, tours, temporary parking permits, campus and area maps, and free publications about UMaine and the state.

As an arm of the Department of Public Affairs, the Visitors' Center will be staffed primarily by graduate and undergraduate students properly trained to assist and direct visitors who call or stop by.

"In the President's town meetings and in the research we've done concerning public perceptions about the University, we found that the campus has to be more user-friendly for those who come to campus," according to John Diamond, acting director of Public Affairs. "The idea is to make visitors' first impressions as positive as possible."

Chadbourne, home of the Admissions Office, Conferences and Institutes and Continuing Education/Summer Session, was chosen for its close proximity to one of UMaine's three main entrances, and because it is a natural first-stop for many campus visitors. It is across the street from Public Safety, another heavily used resource for campus visitors.

Organizers hope that the new Visitors' Center can consolidate and centralize the various visitor information activities traditionally undertaken by such areas as Public Safety,

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Last week, Facilities Management employees began changing the signage designating the University's employee parking lots in an effort to eliminate the two-tiered preferential parking system. The first sign to come down was in the Alumni Hall lot adjacent to Lord Hall. Changing the first of more than 100 lot-designation signs on campus were Cliff Miller, left, assistant grounds foreman, and Paul Frey, heavy equipment operator. All new parking lot signage is expected to be in place across campus by Sept. 1.

Legislature Rescinds Salary Reductions of Academic Department Chairs

The Maine Legislature has passed a bill that rescinds the salary reduction of University of Maine chairs that was retroactive to last July. The monies have been held in escrow since this past academic year pending passage of the legislation.

The salary reduction for chairpersons was the result of legislation passed two years ago as part of the state's supplemental budget. The legislation, sponsored by then Sen. Stephen Bost of Orono, called for administrators in the University of Maine System with salaries of \$50,000 or more to take a 5 percent pay reduction. When it was determined that the salary cuts would impact faculty serving as academic department chairs, Bost drafted legislation exempting them for the first year. Also exempted from the state-mandated salary reduction were University of Southern Maine Law School faculty.

The final budget last year did not contain similar exempting language. Sen. John O'Dea, senate chair of the Legislature's Education Committee, is credited with co-sponsoring the needed exemption legislation, and then helping see it through its successful passage.

The exemption legislation passed unanimously through the Education Committee; the Legislature passed the bill May 25.

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Maine Perspective

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Maine

UMaine Calendar

JULY-AUGUST

All events are free and open to the public unless otherwise specified. Any speaker not otherwise identified is a member of the University of Maine faculty, staff or student body. Send notices of upcoming campus events to: *Maine Perspective* Calendar, Public Affairs. Calendar of events listings MUST be type-written and should be sent AT LEAST TWO WEEKS in advance. Deadline for each issue: 9 a.m. Friday. For more information, call x3745.

6 Tuesday

"Computer Simulation Studies of Photoelectron Spectrum on O^+Ar_n ($n=1$, to 15) Clusters," an oral exam by Nadarajah Ravindrakumar, candidate for master's degree in chemistry, 2 p.m., July 6, 112 Aubert Hall.

"Classification of Human Chromosomes Using Probabilistic Neural Network," an oral exam by Walter Sweeney Jr., candidate for master's degree in electrical engineering, 3 p.m., July 6, 152 Barrows Hall.

8 Thursday

"Urban Fuelwood Consumption, Market and Transport in the City of Maradi, Republic of Niger," an oral exam by David Fournier, candidate for master's degree in forestry, 9 a.m., July 8, 119 Nutting Hall.

"Creation of Forest Products Marketing Strategies for Rural Economic Development," an oral exam by Jeffrey Howe, candidate for master's degree in forestry, 1:30 p.m., July 8, 204 Nutting Hall.

9 Friday

Studio Performance by the Faculty Jazz Group of the University of Maine, part of a 10-day residency by jazz musician Michael Woods, 8 p.m., July 9, Lord Recital Hall. x1247.

24 Saturday

Performance by Comedians Ellen DeGeneres and Kevin Pollak, part of the Maine Center for the Arts summer series, 8 p.m., July 24, Hutchins Concert Hall. Admission fee. x1755.

14 Saturday

Les Arts Florissants performing Purcell's *Dido and Aeneas*, and Charpentier's *Actéon*, part of the Maine Center for the Arts summer series, 8 p.m., Aug. 14, Hutchins Concert Hall. Admission fee. x1755.

20 Friday

"Sweethearts of the Rodeo" featuring Kristine Arnold and Janis Gill in concert with Rick Vincent, part of the Maine Center for the Arts summer series, 8 p.m., Aug. 20, Hutchins Concert Hall. Admission fee. x1755.

28 Saturday

Performance by Gregory Hines, part of the Maine Center for the Arts summer series, 8 p.m., Aug. 28, Hutchins Concert Hall. Admission fee. x1755.

UMaine Offering National Program for Area Youth

The only National Youth Sports Program in northern New England will be offered July 6-Aug. 10 at the University of Maine. Plans are under way to transport more than 200 economically disadvantaged area youth to the campus daily where they will participate in educational and sports opportunities that to many will be new experiences.

The program runs from 8 a.m.-1 p.m. Monday-Friday and is open to boys and girls ages 10-16 whose parents or guardians meet Department of Health and Human Services income guidelines. There is no cost to participants. In addition to sports instruction and educational programs, the youngsters will receive transportation (up to an hour away from the UMaine campus if needed), lunch, a camp T-shirt, a medical examination, and accident-medical insurance coverage.

Project administrator Stephen Butterfield is coordinator of UMaine's Division of Health, Physical Education and Recreation which was awarded a \$40,000 grant from the National Collegiate Athletic Association to get the program up and running this summer. If successful, funding can continue in coming years.

The National Youth Sports Program is a partnership between the federal government, colleges and universities, and the NCAA. Its goal is to offer the opportunity and challenge of education, skill building and personal achievement to youngsters growing up in economically disadvantaged environments.

"We will be serving a population that in the past has not had the opportunity to attend summer sports camps, and sports is a great way to create and change aspirations," said Butterfield, associate professor of education and special education.

The National Youth Sports Program started in 1968 at two institutions and today is offered at 175 colleges and universities around the country. Every program must offer instruction and skills development in a specific number of sports but can add some of local interest or that are well-suited to geography or existing facilities.

The inner-city programs are much different from those that institutions like UMaine can offer, Butterfield said, noting that he and his staff have developed a Maine outdoor component, including orienteering and canoeing. Community involvement is essential to the program's success, according to Butterfield. "We want to serve 250 youngsters and that will take a lot of volunteers and services in addition to the resources of the University and the grant," he said.

3rd Annual Maine Hockey Alumni Weekend

featuring the

ALUMNI HOCKEY GAME

7 P.M., JULY 17

with proceeds to benefit the family of Andre Aubut.

Aubut, UMaine's first All-American who played from 1978-82, was seriously injured April 17 in a neighborhood hockey tournament. Tickets available at Daniels Insurance, Gunn's Sport Shop, Goldsmith's Sporting Goods.

Ongoing Events

Workshops for the University of Maine Faculty Jazz Group with jazz musician Michael Woods, through July 9. Public invited to observe afternoon and evening workshop sessions. For information, x1247.

"The Collector's Eye: New Prints from the Robert Venn Carr Jr. Collection," a University of Maine Museum of Art exhibit, July 9-Aug. 6, 1938 Gallery, Carnegie Hall. x3255.

"The Fetish Carvers of Zunli," an exhibit of stone carvings of animals, through July 11, Hudson Museum, Maine Center for the Arts. x1901.

"Encounters: The Legacy of Columbus," a temporary Hudson Museum exhibit of color facsimiles of antique maps and book illustrations from the Osher and Smith Collections of the University of Southern Maine's University Libraries, July 20-Oct. 10, Maine Center for the Arts. x1901.

"A Northern View," a University of Maine Museum of Art exhibit of photos by Steven Young, through July 29, Hauck Gallery, Union. x3255.

"Faces of Nepal," a Hudson Museum exhibit of photographs of people in Nepal by Mark Sisco, freelance outdoor and travel photographer from Jefferson, through Oct. 10, Maine Center for the Arts. x1901.

Newman Center/Our Lady of Wisdom Parish Weekly Uturgy: Sunday, 9:30 a.m., 6:15 p.m., Newman Center, and 11:15 a.m., Bangor Lounge, Union; Monday-Thursday, 4:45 p.m., Newman Center. 866-2155.

Support Staff Women Brown Bag Lunch, every Wednesday, 11:30 a.m.-1 p.m., Women's Resource Center, 101 Fernald Hall. x1508.

Women Administrators at the University of Maine Brown Bag Lunch, every first Thursday of the month, 11:30 a.m.-1 p.m., Women's Resource Center, Fernald Hall. x1508.

Muslim Prayer, every Friday, noon-2 p.m., Drummond Chapel. x2790.

On Campus This Summer

Multicultural Education Explores Contemporary Problems

Issues of racism, gender, minority perspectives and intercultural communication will be the focus of the Multicultural Education Institute, July 26-30.

"Maine seems to be homogeneous on the surface, but underneath it is multicultural and rapidly becoming more so," said Bernice Magnus-Brown, Institute coordinator and assistant professor of education. Many people consider Maine homogeneous because it lacks racial diversity to an extent, but cultures such as Native Americans and Franco-Americans have a strong traditional heritage and present influence in Maine, she added.

The Institute, which is open to the public, is designed for educators, counselors, administrators and social studies teachers. Participants will look at various socioeconomic class, gender, homosexual and geographic issues in an effort to understand the diverse cultures of Maine.

Presenters will include James Varner, UMaine assistant director of admissions, and Nancy Barrazuman, who owns an intercultural research and communication firm based in Arlington, Mass.

Teamwork the Focus of Middle Level Education Institute

Curriculum instruction and assessment will be the focus of the ninth annual Middle Level Education Institute, July 11-16.

The Institute provides assistance for educators in planning and implementing programs for young adolescents in the fifth through eighth grades. Graduate or recertification credit is available.

This year's program has three goals, according to Edward Brazee, UMaine associate professor of education and Institute director. Teachers should achieve a better understanding of young adolescents and their unique characteristics after attending the Institute, and thus be able to create more responsive programs.

Participants will receive information on resources and networking both in-state and nationwide. Middle level consultants from around the country, including international consultant Neila Connors from Florida, will be giving presentations.

Approximately 200 participants are expected, representing 50 schools from Maine, New Hampshire and New Brunswick.

Engineering the Focus of Young Scholars Program

Twenty-four junior and senior high school students from around the state will experience and explore the field of engineering during the Young Scholars Program, July 11-30.

The students will learn about civil, chemical, electrical, computer, bioresource, survey and mechanical engineering through a combination of traditional and hands-on approaches. Fieldtrips, lab work and a research project with a UMaine faculty member will give practical application to the theories students will be learning in ethics seminars and a module course in logic systems.

On the final day of the Program, students, parents and high school teachers will meet for the Young Scholars Seminar, where students will formally present their research projects.

This is the third year of the Young Scholars Program, funded by the National Science Foundation to introduce engineering to Maine students. The Program is directed by the Department of Electrical and Computer Engineering, and will involve faculty from all College of Engineering departments. Faculty will act as mentors on individual research projects ranging from building electric cars to working with paper mill sludge.

This year for the first time, the students will participate in the Youth Scientists Symposium, July 17-18, on campus.

Upward Bound Raises Students' Aspirations

The University of Maine is hosting 140 high school students from throughout New England this summer in the federally funded Classic Upward Bound and Upward Bound Regional Math-Science Center programs.

The Young Scientists Symposium, July 17-18, will be a highlight of the Math-Science Center this year. Approximately 80 high school students involved in math- or science-related research with the Young Scholars program, UMaine, Jackson, Mount Desert Island, and Bigelow laboratories will gather at UMaine to present their research findings and conduct field research.

Upward Bound is designed to give students who otherwise might not attend college a chance to experience and prepare for college both academically and socially. During their six weeks of campus living, students will take a variety of traditional courses along with classes about career development and research, participate in workshops related to teen issues and college, and gain experience.

One hundred sophomores through seniors from Penobscot, Piscataquis, Knox, Waldo and Hancock counties will attend Classic Upward Bound to help prepare them for college. Through traditional academics and career-related employment while living on-campus, these economically disadvantaged students gain the advantages of preparation and experience.

Forty students from New England will attend the second annual Upward Bound Regional Math-Science Center. Although both groups live and attend many activities together, the math-science students focus specifically on mathematics- and science-related courses such as scientific writing. Their day is nearly all academic, with afternoons spent in ethics seminars or on research projects.

UMaine's Classic Upward Bound is one of 500 programs nationwide, while the Math-Science Center is one of 72. Both programs are part of UMaine's College of Education. In Maine, Classic Upward Bound programs also are found at the University of Maine Farmington, University of Maine Presque Isle and Bowdoin. UMaine's Math-Science Center is one of only two in New England.

Conference to Stress Collaboration to Serve At-Risk Youth

Children and families with the greatest needs are most vulnerable to the inflexible regulations that both govern and frustrate social service providers and educators, according to the organizers of a University of Maine conference that will explore strategies for effective collaboration among agencies and schools.

"At-Risk in Maine," July 22-23, was planned by and for representatives in the fields of education, health, mental health, human services and juvenile justice.

"We'll spend two intensive days looking at ways agencies can better work together to serve kids and their families. It's the first conference in Maine with this emphasis," said William Davis, UMaine professor of education and director of the Institute for the Study of At-Risk Students.

Clarifying and establishing a common understanding of the concept of "at-risk" is a major goal of the conference. Participants also will work to identify obstacles that impair effective service delivery, explore creative approaches to funding and design of service delivery systems, and hear about some promising collaborative programs and practices involving communities and schools.

The keynote address: "Together We Can: A Guide for Crafting a Profamily System of Education and Human Services," will be given by Martin Blank, senior associate and director of community-based services integration strategies at the Institute for Educational Leadership, Washington, D.C.

Individual sessions on funding and policy issues, communication, and current interagency collaboration efforts will be led by educators, service providers and managers, and specialists from Maine, Rhode Island, Virginia and Washington, D.C.

Collaboration, Community Involvement in College Health Nursing

In an effort to support the certification of college health nurses, the College Health Nursing Summer Institute '93 will be held on campus July 8-9, sponsored by UMaine's Student Health Services.

The theme for the two-day continuing education conference is: "In This Together" - Collaboration and Community Involvement in College Health Nursing." Keynoting the conference will be Mary-Kate Heffern of McCosh Health Center, Princeton University, speaking on: "Strengthening Our Common Bonds: Collaboration to Foster Community in Nursing."

The keynote will be followed by seven continuing education sessions presented by health experts from throughout the state. Concurrent networking and discussion sessions are also scheduled, with roundtable topics on: certification preparation, peer education, eating disorders, and others.

The conference is in keeping with Student Health Services' commitment to public health principles and community involvement on campus.

International Year of Indigenous People Honored at Conference

A conference providing insight into Native American issues and an overview of Indigenous Peoples in North America and their perspectives on 500 years of colonization will be held July 16-18 at the University of Maine.

"1993: International Year of Indigenous Peoples," directed toward teachers and educators, recognizes the United Nations declaration of 1993 as the year of indigenous people.

"UMaine is an environment consisting primarily of people of European ancestry. We have a challenge to better educate our majority students, faculty, and staff to fully appreciate Native American history and culture, so that an important segment of Maine's population can have their life experiences reflected and affirmed at their university," said Sue Estler, director of Equal Opportunity.

Terry Janis, staff attorney with the Indian Law Resource Center; Brenda Gideon, chief of Micmac Village, Quebec; and Cliv Dorr, governor of the Passamaquoddy Tribe at Pleasant Point, will be among more than a dozen guest speakers.

The conference is co-sponsored by the Center for Vision and Policy and UMaine's Offices of Indian Programs and Minority Services and Academic Affairs. "The Center for Vision and Policy, established in 1985, brings together people seeking economic and social justice. The Center's program is shaped by two commitments - building alliances, and working toward ecological, economic, and social justice," said Wesley Rothermel, Center coordinator.

Gulf of Maine *continued from page 1*

science programs in the country, first proposed in 1987 after coastal hearings by Sen. George Mitchell and created by Congress in 1990. Funding for the nine regions, totaling \$4.5 million, was appropriated by the National Oceanic and Atmospheric Administration.

"What the country lacked, and the Gulf of Maine lacked in particular, was a source of funding that went solely to the Gulf for regional research purposes. In the past, the Gulf of Maine fell through the cracks. There was site-specific research but it was not the type of regional or global perspective that is needed," said oceanographer David Townsend, who became executive director of the program July 1.

Scientists in all three states agree that a regional approach, long overdue, is important if they are to answer fundamental questions about the how the Gulf system works as an interacting physical, chemical and biological ecosystem. Researchers also hope to use the program to build historical data for long-term protection of the resource-rich Gulf.

A major contributor to the effort has been the Regional Association for Research on the Gulf of Maine, which represents 20 institutions and nearly all of the U.S. scientists with an active interest in the Gulf.

"This is a tremendous opportunity and something that we've never had before in terms of our ability to think long-term and regionally and look at the Gulf of Maine as an entire ecosystem. The research will be very important in providing the scientific underpinning for future fisheries management and in maintaining environmental quality of the Gulf," said Robert Wall, director of the University of Maine Sea Grant program and chair of the Regional Marine Research Board that oversees the program.

"These are not just issues that the individual states of Massachusetts, New Hampshire and Maine worry about in isolation. The Gulf of Maine is a shared resource. Coordinated research between all the marine institutions in the region will be highly productive and efficient," said Donald Anderson, a marine biologist at Woods Hole Oceanographic Institution, who is leading the study of toxic red tides, now an annual threat to the Gulf of Maine shellfishing industry.

A University of Maine study will examine how the inflow of nutrient-rich, subsurface water from the Atlantic activates the Jordan Basin Gyre, influences the eastern Maine coastal current, and affects the productivity of the entire Gulf system.

A third project by University of New Hampshire and Dartmouth College researchers will study how winds, tides, and fresh water runoff control currents in the western Gulf of Maine as part of a long-term effort to model, numerically, the Gulf-wide circulation.

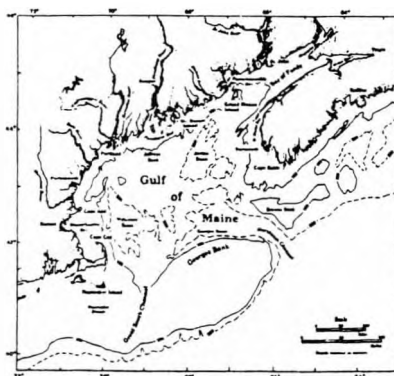
The five remaining projects all are aimed at compiling and

making available existing data that can be used to build scientific knowledge in the Gulf of Maine community.

"The program enables us to set up priorities and study the missing spaces or gaps that have been identified so we can ultimately safeguard the water quality and overall ecosystem," said John Nelson, chief of the Division of Marine Fisheries in New Hampshire and member of the Regional Marine Research Board.

The 11-member board has three NOAA representatives, two U.S. Environmental Protection Agency members, and two appointees from each state.

"We can now pull together a regional data management system based on long-term goals and computer modeling systems that will give us the scientific information we need to look at the transport of nutrients and toxic materials and how these issues affect the productivity and use of the Gulf," said board member Donald Phelps, of the EPA Narragansett Marine Lab. ▲



The CUTTING EDGE

University of Maine Research on the Frontiers of Science

Study Documents Extent of Childhood Hunger in Maine

Thousands of Maine children are hungry or are at risk of hunger because their parents can't afford to feed them, concludes a yearlong University of Maine study, the first ever to document the extent of childhood hunger in the state.

An estimated 7,500 children under the age of 12 live in households that experience hunger, and an additional 31,000 are at risk of hunger - one out of five Maine children, the study concludes.

"Maine's hungry children live in households which cannot afford to buy enough food to meet their basic nutritional needs," says William Whitaker, associate professor of social work and director of the Maine Community Childhood Hunger Identification Project.

The Maine CCHIP study was conducted by the Margaret Chase Smith Center for Public Policy in collaboration with the Maine Nutrition Council. Findings were based on interviews with 385 low-income families in 31 Maine communities.

Among other findings:

- ▼ Hunger is directly related to household income.
- ▼ Hungry families in Maine are hungry an average of five days per month for nearly 10 months each year.
- ▼ Many parents go without enough food for themselves so their children will have enough to eat.
- ▼ Children living in households without ample food are more likely to experience health or school problems, such as fatigue, frequent headaches and an inability to concentrate.
- ▼ Many children living in households eligible for federal food assistance are not receiving benefits. For example, about 18 percent of the households that qualify for food stamps do not receive them, and nearly 46 percent of the households eligible for the school breakfast program do not participate.

Services Moved to Fogler Library

Audio and video (VHS and BETA) cassette duplication
(according to U.S. copyright law).

Lamination (Tuesday and Thursday afternoons only)

Color thermofax (for overheads)

These services are no longer available from AV Services in the basement of Shibles Hall. AV Services will continue to provide public address systems and delivery of larger audiovisual equipment (such as monitors and screens) to classrooms.

Photocopy Services, in Fogler Library, is open 8 a.m.-4:30 p.m., Monday-Friday. Most jobs can be handled within 24-48 hours or less. For information about prices, call 581-1684.

Visitors' Center *continued from page 2*

Admissions and Public Affairs. It can also alleviate if not eliminate visitors' confusion about where to find answers, directions and general assistance.

"The Visitors' Center is not a clearinghouse but the information center for the University," Diamond said. "The staff will be resourceful but are not expected to be all-knowing. As part of their training, we emphasize that their role is not to ask whether they can help people but how might they help to make visitors' experiences as uncomplicated, problem-free and satisfying as possible."

For the time being, the coordinator's position has been created as a graduate assistantship, and a Visitors' Center Advisory Committee has been created, made up of staff, faculty and students from various corners of the campus. "For a number of reasons we feel it makes sense to have an academic connection to the Visitors' Center," Diamond said. "Education is at the core of what we do. Our best ambassadors can be people who are involved in that central mission."

Dave Gage of Geneva, N.Y., a UMaine graduate student in his last year of study for an M.Ed. in student development in higher education, heads the primarily all-student staff of the Visitors' Center. Gage, who serves as Visitors' Center coordinator, will work with student organizations, faculty and students to identify possible staffers, and will train those who have the campus familiarity and skills desired. He hopes the Center is seen as a resource for the public as well as members of the University community.

"We would like faculty to know we are their resource," Gage said. "If there is any information or current events they would like visitors to know about, we would like to provide that information."



The University of Maine has received an award for excellence in operation and maintenance of its voice and data telecommunications system. The award was presented at a recent ceremony by representatives of Northern Telecom Inc., and NYNEX Meridian Systems, manufacturer and distributor respectively of the campuswide communication and educational system. The award cites the UMaine site Meridian maintenance team for demonstrating excellence in day-to-day maintenance activity, switch performance and end-user satisfaction from Oct. 1, 1992-March 31, 1993. UMaine's telecommunications operation excels in all areas, according to Northern Telecom, which presents two site excellence awards annually. Left to right, Jack Pippy and Peter Gunn of NYNEX Meridian Systems, and Perry Swearingen of Northern Telecom were on hand as UMaine President Fred Hutchinson and Telecommunications Director Gary Corbett accepted the site award. Individual operational excellence awards were presented to Meridian Systems support engineers Gunn and Paul Casey. The modern digital system went on-line in December 1991 after three years of planning and is expected to meet the University's telecommunications needs well into the 21st century. It connects all major buildings on campus and University College in Bangor with more than 8,000 miles of copper wiring and nearly 400 miles of fiber optic cable. About half of the \$7.7 million system was financed through the 1988 bond issue. The remainder is paid by new user funds and existing telephone budgets. *Photo by Monty Rand*

"When assisting visitors, if we can't answer their questions, we will direct them to the right contact persons. There's so much transferring that goes on with the phones. We're trying to eliminate that and make visitors' visits as carefree as can be," Gage said.



Dave Gage, Coordinator of the UMaine Visitors' Center

Students will staff the Visitors' Center 8 a.m.-5 p.m., Monday-Friday, with evening and weekend hours beginning with the academic year. The waiting room once in the lobby of Chadbourne has been "spruced up" to make a "greeting area" complete with comfortable furniture, publication racks, telephones, and a UMaine video library and TV/VCR.

"We found that we need to be more sensitive to the way we greet people and to how we are perceived by people off campus," Diamond said. "Our goal is to enhance the experience of everyone who stops here. The idea is to make sure we are sensitive and responsive to the campus community and visitors." ▲

The following new endowment funds were accepted by the Board of Trustees at its May 24 meeting:

- ▼ The Bath Iron Works Professorship in Structural Engineering - \$250,000 pledge.
- ▼ The W. Philip Churchill '30 Scholarship - \$100,000 pledge
- ▼ The Roland MacLeod '50 Hockey Scholarship - \$10,000

Funds Previously Established in the University of Maine Foundation:

- The Class of 1976 Scholarship - \$12,985
- The Class of 1981 Scholarship - \$5,060
- The Class of 1986 Scholarship - \$4,698

NOMINATIONS TO BE ACCEPTED FOR 1993 INDUCTION INTO THE UNIVERSITY OF MAINE SPORTS HALL OF FAME

If you know of someone who has competed successfully as a University of Maine athlete, or dedicated years of service as a coach, you are encouraged to nominate this person for 1993 induction in the University of Maine Hall of Fame.

The Hall of Fame recognizes those persons who have contributed to the Athletic Department as athletes, coaches or administrators, and in so doing have enhanced the image and reputation of the University of Maine.

The primary criterion for selection is achievement in the athletic program, but other factors are also considered. These include character, leadership and integrity, as well as non-athletic service to the University community and achievement in later life. Members inducted into the Hall of Fame have received outstanding recognition on a team sport or as individuals have established national or regional acclaim.

Inductees who are former UMaine student-athletes must be disaffiliated from the University of Maine program for a minimum of five years. Hall of Fame induction ceremonies will take place Oct. 22.

To receive a nomination form, contact Joe Roberts, assistant sports information director, 581-3596 or write to 5747 Memorial Gymnasium, University of Maine, Orono. Maine 04469-5747 for a nomination form. Deadline for nominations: July 30.

Rev. Elizabeth Morris Is Remembered and Celebrated as a Builder

Editor's Note: Rev. Elizabeth Morris, Wilson Center minister, died June 21. Hundreds of family members, friends, colleagues, students and parishioners from throughout the state who had been touched by her ministry and love gathered June 27 to remember and celebrate her life. The following tribute was written by Patty Coleman, friend and colleague of Elizabeth Morris, and assistant professor of social work at UMaine.

I have lost my dear friend - our sister, spiritual leader, conscience and healer. I sit, amidst communities filled with pain, to write to you of her life and our loss. Elizabeth's mother, Emily Morris, asked me how I could possibly tell about her Betsy in just a few words and I didn't know. In fact, I can't. Each person she touched, each community in which she loved and worked, has so many stories to share about the indescribable gifts they experienced. And in the mourning itself, I now find the beginning of the story I need to tell, for in the grief and shock of the days after her death lie messages of her powerful journey on this Earth, and of the work that will be carried on.

Elizabeth was killed on the Summer Solstice, a time in ancient traditions of women when we gathered together in circles of celebration and honoring of the Earth. My last conversation with her, that morning, was about these gatherings of women in kinship with the Earth and the power created when people gather together in ritual or in prayer. And later that day, Elizabeth was dead.

Within the hours and days immediately after her death, across the vast differences and distances between the varied communities of Elizabeth's life, the first movement people made towards feeling and healing this unfathomable loss was to come together to be with others who shared the pain — to hold each other and cry and laugh and rage. Powerful circles were created among family and church members at her parents' home in Delaware where she grew up, by dear old friends on a beach in New Hampshire, friends and parishioners in a home in San Francisco, students at the Wilson Center, and in an Orono living-room by some of us who were blessed with her friendship these three years she's been in Maine. We all moved quickly to find spaces in which to join together and share the grief. We recognized our need for each other, and knew that in community lay our healing. This was one of Elizabeth's teachings.

But how can I tell you what she did to bring about this impact on us and the world? How did we know to come together and love one another in our agony? And how have we been able to do that so gracefully across different ages, religions, ideologies, sexual orientations, and races? Elizabeth helped me figure out, in one of her own writings, how I can best tell her story. In a talk she gave this year about the connection between spirituality and social justice, she started by noting that she had to address the topic through telling her own story. She believed that the telling of our stories is the way we make analytical connections and come to understand. She understood that individual experiences tell the ultimate truths about human existence. The only truth I know about what Elizabeth's life meant in the world rests in the stories of my own experience of her blessings. These are the stories I need to tell and retell.

One of the many things we had in common was that our work has been dedicated to healing and to fighting oppression. Elizabeth described her calling in a recent sermon:

I decided to become a minister because I wanted to claim my voice in the world with regards to the things I cared most deeply about. I had felt powerlessness in the face of the rising number of homeless people on the streets, powerless about the rising number of nuclear weapons ready to destroy the planet, powerless about

people hating their fellow human beings, or at least denying them respect just because they are black or gay or poor or Franco American or American Indian or one of the others on the list that goes on and on. Martin Luther King Jr. was my hero and many other clergy I knew were speaking out about these things.

I wanted to claim my voice ... because surely the God or Goddess who created all of life is counting on every one of us alive today to be leaders in our own way and with our own voices, in preserving life at this precarious time in history. And, Oh, how we'd rather have someone else speak and do it for us. But it's going to take all of us. Everyone.

She raised her lovely voice, time and time again. And we talked a lot about helping others to find their own voices and ultimately to raise their voices out loud. But my own work was much more secular than hers, and her faith and close relationship with God were sometimes mysterious to me. It was also wondrous and full of lessons, because she shared herself with many of us who had no connection with formal religion. She accepted and loved me just as I am, and was gently curious about my own very personal faith and connection with a higher power. She made me less afraid to talk about God and prayer and worship.

We shored each other up when scary challenges arose, as they must in her pioneering work as a woman minister and as a feminist. I have a note in which she celebrates my courage and draws strength from it. But I in turn have been humbled by her own courageous actions. This year, she decided to take leadership in the University's Gay, Lesbian, and Bisexual Awareness Week. She wanted to make a difference around homophobic oppression, but knew that her very existence and ministry could be at stake. She felt the fear and did it anyway. She used herself and her experience to combat another schism bred by hatred and fear. But she did so gently, because of greatest importance was her bonds to others, regardless of differences among us.

In that action and so many others, Elizabeth modeled and taught the art of building bridges — bridges which closed divisions that kept us from each other. I have seen in her life that love and justice are one and the same. And that it is okay, and even honorable, to allow our love to infuse our work. It is a blessing to care so deeply about the processes of growth we witness, and to be so scorched by human misery, that we may well cry in our work and share tears with those we teach, or in her case, minister to. She has often shared the poem "In Blackwater Woods" by Mary Oliver, and I find a stanza now in a birthday watercolor she painted for me:

*To live in this world
You must be able to do three things:
To love what is mortal
To hold it against your bones
knowing your own life depends on it
And when the time comes to let it go
To let it go.*

We played a lot — with silliness and mischief uppermost. Her Halloween visit as Dolly Parton will long be remembered in Central Maine. Her playfulness was acted out richly in her role as an aunt. She badly wanted young people at the center of her universe. And children of her brothers and dear friends, in addition to hundreds of other children and young adults, were beneficiaries of that desire. Her loving expressions to them and to us were often effusive and rich and creative. But most important, her loving attentions were frequent and sometimes powerfully simple.

I do my own work now with more delight, playfulness, and emotional balance than before I knew her. She was a model for me in how to work with pain so much of the time while living with love and lightness and hope and gratitude. She wrote that: "Spirit means breath, and spirituality can be seen in a person who is full up with the breath of life, full of vitality, and a love of life." The students at the Wilson Center earlier this week described their beloved pastor Elizabeth to me as just such a person — as "inspiring, spontaneous, and sparkling."

But like many of us who do healing work and work for justice, Elizabeth feared that she was never doing enough. She questioned her commitment and pushed herself and us to do more than we had initially considered. That self-doubt on her part is incongruous in light of what we have experienced and witnessed of her work. She made such an enormous difference that I have no doubt thousands of people are shuddering and horrified at the loss of this one woman. I will always want more time with her, but I hope she can know that what she did and gave was enough. And enough was, in fact, a feast. The work is carried on in many of us, with inspiration we got from her. Our actions may well be enough as they are, but it will not be okay with her if we choose to do nothing at all. She made it clear that her God or Goddess is counting on us.

I keep having images as I think of my friend. Today I picture an ephemeral bridge, holding us all above despair and misery, and linking us across the divisions of hatred and injustice. And I see her leaving us, carrying her flute, watercolors, Bible and a voice of song. She is a piper, dancing across that bridge, celebrating the glory of love and life, and calling to us to act from our hearts. And I say to her, with a broken heart, what she has said to me many times as we parted: BBSO, Elizabeth. Bye Bye Sweet One. ▲

We Remember

Rev. Elizabeth A. Morris was killed in an accident June 21, 1993. She was 45.

Morris was the Protestant chaplain at the University of Maine, serving as minister of the Maine Christian Association's Wilson Center. An ordained minister with the United Church of Christ, Morris came to UMaine in 1990 after serving as campus minister at San Francisco State University.

Born in Wilmington, Del., Morris was a graduate of Western College for Women, Goddard College Graduate School in counseling and Andover Newton Theological School with a Master of Divinity degree. At one time, she worked in community mental health in Vermont.

In addition to her ministry which touched the lives of hundreds of people in the University community and beyond, Morris was involved with other churches in interfaith activities. She also was active in campus programs including serving as co-chair of the Gay/Lesbian/Bisexual Concerns Committee.

Morris is survived by her parents of Delaware and four brothers.

Gifts in her memory may be made to the Elizabeth A. Morris Memorial Fund, c/o Wilson Center, 67 College Ave., Orono.

VOLUME S

Recent Works by University of Maine Authors



White Pine
on the Saco River

**White Pine on the Saco River:
An Oral History of River Driving
in Southern Maine**
By Michael Chaney
(Maine Folklife Center 1993)

White Pine on the Saco River: An Oral History of River Driving in Southern Maine is Volume XXIX of *Northeast Folklore*, the annual journal of the Maine Folklife Center

at the University of Maine. Written by Damariscotta native Michael Chaney, resource center director of the New Hampshire Humanities Council who studied folklore at UMaine and received a bachelor's degree in history in 1979, *White Pine* is in keeping with the Maine Folklife Center's tradition of publishing "a single fresh collection of regional material."

The 88-page book details the history of lumbering on the Saco River in New Hampshire and Maine from about 1920-1960. In particular, it relates the story of timber cruising, harvesting, river driving and sawmill activity undertaken by J.G. Deering & Son, now known as Deering Lumber Co. The book is complete with archival photos and more than a dozen oral history interviews with people who worked for Deering or Diamond Match Co., during this 42-year period, as well as excerpts from the daily journal of the Saco River Driving Co., kept by Deering's woods and drive boss from 1926-45.

White Pine on the Saco River was edited by Edward "Sandy" Ives; managing editor was Pauleena MacDougall. Maps and diagrams were provided by Steven Bicknell; printing was by University of Maine Printing Services. Copies are \$15 and available from the Maine Folklife Center, South Stevens, 518-1891.

First Annual Munsungan Conference Proceedings

Published proceedings from the first annual Munsungan Conference are available from the College of Forest Resources.

The Conference, designed to examine public use of forest land, provides an academic forum to discuss public policy issues facing forest resources in Maine. The first Conference last October focused on the relationship between outdoor recreation and the forest industry.

Topics covered in the proceedings include: "The Maine Woods - Property, Primary Production, Play and Profit in a Global, Post-Industrial Environment," "Maine's Forest Recreation Resource Demand," and theories about the future for public interest in Maine's forests.

The second Munsungan Conference, Jan. 5-6, 1994, will focus on forest management strategies to meet the diverse demands on Maine's forests.

Copies of *First Annual Munsungan Conference Proceedings* are \$5 and available by contacting: Dolores Stone, 5755 Nutting Hall, University of Maine, 581-2857.

Guide to Forestry Regulations Available

A *Guide to Forestry Regulations in Maine*, a publication designed to help loggers, foresters, landowners and others with the complexities of forestry regulations, has been revised and is available at the University of Maine.

As outlined in the 82-page guide, the purpose of the publication is to assist forestry practitioners in determining which regulations apply to a specific situation. The Guide provides detailed information concerning regulations that govern the conduct of forest practices under Maine law.

Guide authors are Christopher Murdoch, director of professional development and associate professor of forest resources; David Field, E.L. Giddings Professor of Forest Policy and professor of forest resources; and James Connors, a North Monmouth consultant.

The Guide also is published in conjunction with the Policy Paper Series of the Margaret Chase Smith Center for Public Policy. Copies are \$8 and available by calling the Professional Development Office, 581-2887.

UM Extramural Awards

The Office of Research and Sponsored Programs reports that there were 40 extramural awards to the University of Maine in April totaling more than \$780,000 in sponsor funding.

The new awards for April (listed by principal investigator, co-investigator(s), title, agency) include:

- A. Alford:** Potato Cropping System (two awards), USDA.
H. Boms: Proposal Development in Continental Palaeoclimate Studies (India Travel Award), NSF.
A. Bushway, R. Bushway, J. Smagula: The Effect of Fertilization and Irrigation on Blueberry Fruit Quality, USDA.
A. Bushway, M. Marra, D. Yarrow: The Effect of Mechanical Harvesting on Blueberry Fruit Quality, USDA.
R. Bushway, A. Bushway: Determination of Pesticide Residue Levels in Freshly Harvested and Processed Lowbush Blueberries, USDA.
P. Cappiello: Low Temperature Tolerance of Native Lowbush Blueberry Fruit Buds at Different Stages of Development, USDA.
G. Criner, S. Jacobs: 1993 Milk Processing and Retailing Cost Analysis, Maine Dept. Ag/Milk Commission.
F. Drummond: Assessing Leafcutter Bees as an Option for Blueberry Pollination on Growers' Fields, Pollination Ecology of Lowbush Blueberry in Maine, and Potato Cropping System Research (three awards), USDA.
H. Forsythe: Application of Heat as a Method of Controlling Secondary Pest Insects on Lowbush Blueberries, and Cold-Hardiness of Native Lowbush Blueberry (two awards), USDA.
M. Gallagher: Cellular Development of the GI Tract of Hybrid Striped Bass Larvae, USDA.
J. Graham: Teen Assessment Project, NE Regional Center for Rural Development.
E. Groden: Potato Cropping System, USDA.
B. Hall: Proposal Development in Palaeoclimate Studies (travel award in India), NSF.
D. Handley, J. Dill, J. McCue: Evaluation of Strawberry Varieties for Resistance to Tarnished Plant Bug Injury, No. Am. Strawberry Grower Assn.
T. Hannula: UMaine Science and Math Academy, Maine Dept. of Education.
J. Hecker: Substance Abuse Services, Penobscot Job Corps.
W. Krohn: Evaluation of Placental Scars to Monitor Fisher Reproduction, Maine Dept. Inland Fisheries and Wildlife.
D. Lambert: Sanitation for Disease Control, USDA.
M. Liebman: Potato Cropping System, USDA.
M. Marra, D. Yarrow: A Reinvestigation of the Economics of Mechanical Harvesting Technology for Lowbush Blueberries, USDA.
M. Marra: Potato Cropping System Research, USDA.
J. McBumle: Potato Cropping System, USDA.
G. Porter: Potato Cropping System, USDA.
M. Prentice: Chronology of Late Neogene Antarctic Climate Change, NSF.
J. Smagula: Effect of Boron on Lowbush Blueberry Fruit Set and Yield, Multiple Cropping of Wild Strands of Lowbush Blueberries, Phosphorus Dose/Response Curve - Lowbush Blueberry Fields (three awards), USDA.
J. Smagula, P. Cappiello: Effect of Potassium Nutrition on Winter Hardiness of Flowerbuds, USDA.
H. Soule: Design, Fabrication and Testing of an Experimental Sterilizer for Blueberry Field, USDA.
D. Yarrow: Evaluation and Modification of Commercial Herbicide Applicators, and Evaluation of Infrared Burner for Weed Control and Pruning (two awards), USDA.

Continuation or supplemental awards include:

- H. Brown:** Central American Peace Scholars 1993/94 Host State Management/Training Program Costs, National 4-H Council.
R. Clark-McGrath, D. Lunt: Senior Community Service Employment Program FY1993 Supplement, National Council on Aging.
W. Krohn, R. O'Connor: An Analysis of Biodiversity in New England: GIS Assessment of Terrestrial Vertebrate Diversity in Maine, U.S. Dept. of Interior/Fish and Wildlife.
B. Wiersma: Cooperative Forestry Research Unit: Sludge Application, Landowners.
L. Zeph, D. Gllmer: Facilitated Communication in Maine, Maine Dept. of Mental Health and Mental Retardation.



Photo by Damon Kiesow

Nobel Peace Prize winner Dr. Bernard Lown of Chestnut Hill, Mass., left, Class of '42, accepted the Alumni Career Award, the highest tribute of the University of Maine General Alumni Association, for his achievements in the fields of medicine and world peace. Since the 1960s, Lown has alerted the world to the medical dangers of nuclear war and pioneered revolutionary work on sudden coronary death that has become accepted medical practice. Presenting the Award was Peter Gammons Jr., Class of '61, chair of the UMaine General Alumni Association. Lown and other alumni were honored during ceremonies held as part of Reunion '93, June 4-6. Honorees included members of the reunion classes of 1933, 1938, 1943, 1948, 1953, 1958, 1963 and 1968. On hand to present the awards to distinguished alumni were Gammons and Association President Maxwell Burry, Class of '57.

Other award winners include:

- ▼ Bert Pratt of Bangor, Class of '43, who won the Golden "M" Award for his class service and leadership. The Award is given to the member of the 50-year reunion class who has done the most to unify and strengthen the class.
- ▼ Erdine Dolloff of Orono, Class of '28, who was honored with a Black Bear Award for her long record of loyalty and support. Dolloff has given financial assistance to various scholarships, the UMaine Patrons of the Arts, the Page Farm and Home Museum, and has served as president of the Senior Alumni Association.
- ▼ Francelia Dean Corbett of Lenox, Mass., Class of '32, who received a Black Bear Award in appreciation of her naming gift, in memory of her late husband, for the new Donald P. Corbett Hall, which will house the College of Business Administration and classrooms.
- ▼ Harry Halliday of Yarmouth Port, Mass., Class of '39, who won a Black Bear Award for outstanding loyalty to his class. Halliday has attended every class reunion and served as class agent for many years.
- ▼ Henry Woodbrey of Orono, Class of '53, who has served in a variety of roles at UMaine since graduation. Woodbrey has been an alumni charter speaker, a President's Athletic Advisory Council member, a class reunion committee member, and class agent. For his service, Woodbrey was presented with a Black Bear Award.
- Each year the UMaine General Alumni Association presents the Block "M" Award to deserving individuals in recognition of leadership in local alumni chapters, class activities, and support of programs sponsored by the association.
- ▼ Jeanne Patten Whitten of Bangor, Class of '43, was awarded the Block "M" Award for her role as class notes secretary and for serving on every class reunion committee since her graduation.
- ▼ Frank Hines of Trenton, N.J., Class of '48, received a Block "M" Award for his role in reorganizing and serving as president of the New Jersey Alumni Chapter.
- ▼ Joseph Cuccaro of Falmouth, Class of '59, was recognized with a Block "M" Award for his efforts to rally alumni and also for organizing annual UMaine hockey, football and basketball events in southern Maine.
- ▼ Meredith Strand Burgess of Cumberland, Class of '78, was awarded a Block "M" Award for her service to the Association. Burgess has organized reunions and encouraged reunion giving, and has strengthened alumni awareness in a variety of capacities, including service as an alumni ambassador.

International Conference on
Conservation and the Environment in Latin America
August 9-10
204 Nutting Hall

For more information, call David Fournier, 581-3794.



Dorothy and Ted Whitehouse of Wellesley, Mass., members of the UMaine Class of '48 and '50 respectively, were among the more than 750 alumni who returned to campus June 4-6 for Reunion Weekend. The Whitehouses have created an endowed fund for the UMaine Planetarium and Observatory with the commitment of a \$1 million bequest to the University of Maine Foundation. The naming gift is made in memory of Mrs. Whitehouse's father, Maynard Jordan. In addition, the Whitehouses are donating \$5,000 a year for the next five years to the Maynard F. Jordan Planetarium and Observatory. Their gift will be double-matched annually by Mr. Whitehouse's former employer, GTE, bringing the total current cash gift after five years to \$75,000.

Participants Sought for Study on Supportive and Unsupportive Communication Provided During Stressful Life Events

Participants are being sought for a University of Maine Department of Speech Communication study on supportive and unsupportive messages provided during stressful life events.

Very often we encounter friends who are going through stressful periods in their lives. They may have been in an accident, lost a job, or experienced a tragic death in the family. During these times, people are frequently at a loss for words. Potential comforters will leave thinking, "I just didn't know what to say." People often withdraw or may say things that are upsetting or hurtful. This research seeks to understand why it is so difficult to provide supportive communication to others in times of need and to determine what words or acts are most unhelpful.

The study, conducted by Claire Sullivan, assistant professor of speech communication, begins in July and seeks to develop a typology of supportive and unsupportive messages that are particularly helpful and unhelpful across various stressful life events. Interactional factors, such as who provides the message and the quality of the communication will also be assessed.

A second part of the study aims to determine the association between social support and ways of coping with stressful events. Participants will determine the strength of their support network and ways to cope effectively with life stressors.

Participants must have experienced a negative stressful life event within the past two years. Several stressor types will be evaluated, such as illness and diseases (e.g. HIV+, cancer diagnosis, heart attacks), accidents, and death in one's family.

The main objective of this research will be to determine which categories of messages are general across a variety of stressful events and which are specific to particular types of stressors.

Study participants will be asked to spend about 45 minutes writing responses relevant to one particular stressful life event experienced. The second part of the study will have participants experiencing a similar stressful event, meet to assess their support networks and ways in which they can cope effectively. Participants will be completing a set of questionnaires for this part of the study.

This research has been awarded a Summer Faculty Research grant. Anyone interested in participating on this study is asked to contact Claire Sullivan, UMaine Department of Speech Communication, 581-1936.

Publications



Richard Fleming, director of the Computing and Instructional Technology Department: "Monte - A Risk Analysis Program Using Monte Carlo Simulation", at the SAS Users Group (SUGI 92) May 11 in New York City. The paper will be published as part of the conference proceedings.

Marilyn Lutz, systems librarian, Fogler Library has co-authored (with Mary Engle, et al): *Internet Connections: A Librarian's Guide to Dial-up Access and Use*, published by the Library and Information Technology Association, a division of the American Library Association, Chicago (LITA Monograph 3). The book is a guide for librarians and library patrons, and offers a snapshot of the networking

services available at the time of publication (May 1993), a discussion of the concepts and terms in use, and a bibliography of the notable guides that document the search techniques, navigational tools and information resources available. It is designed to help users get started right away.

M. Susan Erich, assistant professor of plant & soil chemistry: "Soil Testing and Environmental Quality," *Agricultural Research in the Northeastern United States: Critical Review and Future Perspectives*, J.T. Sims (ed.). American Society of Agronomy Inc. Madison, Wis. (1993).

Professor Melvin Burke: "Mientras existan Estados Nacionales individuales, estos tienen que actuar," *Temas en las Crisis*, No. 44, (February 1993) La Paz, Bolivia, pp. 25-32.

J. Connors, C. Murdoch and D. Field: *A Guide to Forestry Regulations in Maine*, Margaret Chase Smith Center Bulletin, University of Maine (1992, Revised April 1993) 82 pp.

SURPLUS SALE: The University of Maine offers for sale, on an as-is, where-is basis, the following: (5) EPSON FX 85 PRINTERS, dotmatrix, \$50 each; (9) OLD ZENITH COMPUTERS, 8088's, 512k, mono monitors, \$50; (1) ZENITH ZDF-2237 286 COMPUTER, color, 30 meg hard drive, \$800; (1) ZENITH Z-159 COMPUTER, RGB color, 20 meg hard drive, \$200; (1) IBM PROPRINTER XL, \$50; (1) IBM ELECTRONIC 60 MEMORY TYPEWRITER, platen knob doesn't turn; \$50; (1) OLYMPIA TYPEWRITER, \$30; (1) FREE STANDING OPEN SHELVING UNIT, 3 shelves 60" x 15", 2 shelves 30" x 15", like new, good for home, \$50; (36) PLASTIC CHAIRS, \$5 each; (10) OFFICE CHAIRS, \$5 - \$20 each; (3) 3 BIN SORTER FOR PRINTER, fits any laser printer \$25; (1) AV/PHOTO LAMP BULB, (eyb 82v360w), \$5; (1) PROJECTION LAMP BULB, (dzb 12v100w), \$5; (1) APPLE LASERWRITER II, new toner cartridge, \$900; (1) IBM CPU 8088, with hard drive and VGA card, no monitor or keyboard \$75; (1) MICROFICHE CAMERA, excellent condition, self-developing, BEST OFFER or FREE TO DEPTS; (2) SOFTWARE - OBJECT VISION, for Windows 2.1, 5 months old, never used, \$75 each; (5) Zenith MONOCHROME MONITORS, \$25 each; (6) SLIDE PROJECTOR LAMPS, ELH, 120 volts, 300 watts, FREE TO DEPTS; GIZMOS: (1) Card Swipe/Wand Reader, \$5; (1) Signalman Power Supply, \$5; (1) Network Expansion Board for PS2, \$50; (1) Widget PQ-5 Multiplexer, (new) \$15; (1) Touch Screen Controller Board & Screen, \$10; (1) Tape/Head File System 20+20 MB plus Interface card, \$15; (1) Corvus System Back Up for VCR tape, \$10; (1) IBM Expansion Board 52/50 for PS2, \$50; ASSORTED SOFTWARE - NEW: Paradox, \$100; C++, \$75; Crosstalk for Windows, \$25; hDC Windows Express & Manager both 286/386, \$10 each; Software Carousel, \$25; PCKwik Powerpak, \$25; Fast for DOS/Windows 3.0 XT; Trusted Access, \$20; Links (game), \$10. USED: Crosstalk for DOS, \$25; Quarterdeck Qram 286, \$25; Concurrent Plot II, \$30; rBase, \$25.

Off-campus inquiries are welcome. Items usually sell for the prices specified, however, lower offers are sometimes considered. For further information contact Ron Logan, Purchasing Department, 581-2692.



Anatole Wieck, associate professor of music, spent a week-long residency as a guest artist at Sarah Lawrence College, Bronxville, N.Y. He conducted the Sarah Lawrence Chamber Orchestra April 18, taught violin and viola master classes, and did a performance in viola d'amore.

R.L. Vadas, B. Beal, S. Dudgeon and W. Wright recently presented a paper at the 19th Annual Maine Biological and Medical Sciences Symposium in Castine on temporal and spatial variability in reproduction and spawning in sea urchin populations along the Maine coast. Vadas, Dudgeon, and Wright represent the Plant Biology & Pathology Department; Beal is a Ph.D. candidate in Animal, Veterinary and Aquatic Sciences and teaches at the University of Maine at Machias. In addition, Vadas presented a seminar May 4: "Foraging Strategies of *Nucella* Under Threat of Predation" at the Zoology Colloquium of the University of Rhode Island. Vadas also recently participated as an invited scientist to a planning policy and strategy meeting of the Canadian Department of Fisheries & Oceans. The meeting focused on ecological evaluation and assessment of rockweed harvesting in the Bay of Fundy.

John Moring, professor of zoology, presented a paper, "Seasonal Changes in Environmental Conditions and Fish Communities of Two Maine Tidepools," at the Annual Meeting of the American Society of

Ichthyologists and Herpetologists, Austin, Texas, May 30. He also chaired a session on Larval Fish Distribution, Transport and Recruitment at the 17th Annual Larval fish conference, May 30, held concurrently with the ASIH meeting.

David Klocko, professor of music, gave five audio presentations on the history of popular music styles to a music appreciation class at Bangor High School in March. In May, he returned to the same class for two open discussions of music styles. Later in May, he gave five video presentations on world music styles. In March, he gave two guest lectures to eighth grade classes at the Weatherbee School, Hampden, on music in the United States in the 1920s. In May during Maine Scholars Days, Klocko gave a presentation: "Emotions in Sound: Music for Movies and TV" to five groups of high school juniors. In May, he gave a talk on the Bangor Symphony Orchestra to the Living Skills group at the Community Health and Counseling Service, Bangor, and answered questions about the Orchestra. In April, Klocko was voted Barbershopper of the Year by the Bangor chapter of barbershop singers for his service to the chapter. In May, he sang in the newly-formed Maine Music Teachers Chorus at the Maine Music Educators Conference, University of Maine at Farmington.

Professor **Melvin Burke** spent a month in Bolivia (April 15- May 18). During this time he researched the Bolivian economy and its "stabilization" program, as well as attended various conferences including "El Foro Sobre Derechos Humanos" and "Privatizacion en Bolivia" (IDEAS). Burke also gave a number of lectures on the Bolivian economy to various institutions including the Rotary Club of La Paz and the Escuela Militar de Ingenieria.

In addition, Burke presented a paper: "An Alternative Development Model to Neoliberalism" at the Third International Conference of the International Trade and Finance Association, Miami, May 20-22.

Jayendran Rasaiah, professor of chemistry, attended an international workshop May 12-14: "Ultrafast Reaction Dynamics and Solvent Effects" held at the Abbaye de Royaumont - Asnières-sur-Oise in France where he presented his work on "Solvent Dynamics and Electron Transfer Reactions." He also paid research visits to Oxford and Cambridge Universities.

Max Egenhofer, assistant professor in Surveying Engineering and cooperating assistant professor in Computer Science, organized the Specialist Meeting of the NCGIA Research Initiative 10 on "Time in Geographic Space" at Lake Arrowhead, Calif., May 8-11. The goal of the meeting was to identify a research agenda for Spatio-Temporal Reasoning in Geographic Information Systems. Thirty-nine invited participants attended the workshop, among them **Jayant Sharma**, graduate assistant in Computer Science.

Professor **Dennis Cox**, music, Cleveland Howard, University of New Hampshire, and Victor Klimash, artistic director and conductor, Midland Center for the Arts, Midland, Mich., served as choral clinicians for the Heritage Music Festival May 14-15 at York University, Toronto.

Robert Wall, director of the Maine Sea Grant Program and the Center for Marine Studies, gave a plenary session presentation at the 19th Annual Maine Biological and Medical Sciences Symposium at Maine Maritime Academy, May 20-21. The presentation was:

"The Regional Marine Research Program RMRP on the Gulf of Maine: Moving Toward Ecosystem Simulation and Prediction." Wall is chair of the regional board which governs the RMRP.

Habib Dagher, associate professor of civil engineering, offered a seminar: "Design of Modern Timber Bridges," attended by bridge engineers and designers at the Maine Department of Transportation, Augusta, May 18. In addition, Dagher made a presentation: "Design of Concrete Bridge Decks" at the New Transportation Conference, Durham, N.H., June 14. Dagher also was guest speaker at the IEEE Annual Meeting. He made a presentation: "Modern Timber Bridges: A Possible Solution for Maine's Rural Infrastructure" at the Maine Section of IEEE Annual Meeting, Owl's Head Transportation Museum, Rockland, June 18.

Merrill Elias, professor of psychology, has given an invited plenary session paper: "Neurobiological Correlates of Hypertension and Aging: The Framingham Study" at the June 6-9 meeting of the Academy of Behavioral Medicine Research.

Associate Professor **Ludlow Hallman**, chair of the Department of Music, served as a member of the faculty at the 22nd annual symposium: "Care of the Professional Voice," presented by the Voice Foundation, Philadelphia, June 7-12, and presented a workshop on the singing voice June 11. Co-chaired by Wilbur James Gould of New York and Robert Sataloff of Philadelphia, the Symposium is geared to the interests of otolaryngologists, speech-language pathologists, singing teachers, and other voice scientists. The faculty includes many of the best known authorities of international reputation.

Steve Kahl, associate scientist in Geological Sciences, presented a paper: "A Multi-Isotope Approach to a Whole Ecosystem Experiment at the Bear Brook Watershed, Maine" at the 1993 annual meeting of the American Society of Limnology and Oceanography in Edmonton, Alberta, June 1-4. Co-authors were Knute Nadelhoffer at Woods Hole, Myron Mitchell at SUNY Syracuse, **Steve Norton** of Geological Sciences, and **Ivan Fernandez** of Plant, Soil, and Environmental Sciences.

James Sherburne, director, Office of International Programs, was recently invited by the Maine Guard and Reserve Program to represent the University of Maine and to take part in a Department of Defense tour. Sherburne participated in the "Bosslift" operation at Fort Bragg and Pope Air Force Base, North Carolina, June 1-3. Sherburne and 26 others from the public and private sectors within Maine left Bangor International Airport June 1 aboard a 101st Air Refueling Wings air tanker to observe refueling exercises enroute to Fort Bragg. Sherburne and the civic

leaders group selected for this tour observed at Fort Bragg a number of military training exercises and were given several briefings about the linkages between the active military services and the State and National Guards and Reserves. The group learned about issues related to employees of State of Maine institutions and organizations who serve in important assignments within the Reserve and Guard System.

H. Maxwell Burry, president and chief executive officer, General Alumni Association, was a guest speaker at the State University of New York Council for University Affairs and Development (SUNY/CUAD) Educational Conference: "Your Best Bet in '93," Saratoga Springs, June 9-11. Burry's speech was: "Meeting the Changing Needs and Interests of Alumni."

Marilyn Lutz, systems librarian, Fogler Library, presented the paper: "Reality Check: A Case Study Integrating Archival Images in the Public Access Catalog at the University of Maine System Libraries" at "Electronic Imaging: Clip Art to Virtual Reality," the mid-

For the second time in four years, Michael Gross, communications specialist for the Maine Agricultural Experiment Station, has earned national recognition for his work creating the Station's annual report to Maine

This year's work: *Working, Playing, Living, Staying in Maine*, was selected first in its Critiques and Awards category from among all submissions by land grant university agricultural/natural resources communicators, USDA specialists, and a number of international affiliates Agricultural Communicators in Education (ACE). There were 349 entries in this year's overall C & A program.

Honored this past May in Miami, Gross was asked to present a poster session on his work which earned him the same top award in 1989 and a second place award in 1991. Last year he earned a judge's commendation for his creation of the introductory print materials for the new Farm and Home Museum at the University of Maine.

The Critiques and Awards program, sponsored by ACE, offers the nearly 700 members the chance to have their works reviewed by some of the nation's top writers, designers, publicists and artists. Within the Writing Within a Specialized Publication category, the UMaine communicator's work lead submissions by Iowa State and Ohio State Universities, which placed second and third respectively.



House Minority Leader Walter Whitcomb, right, a '74 graduate of the University of Maine, received a State 4-H Alumni Recognition Award from University President Frederick Hutchinson at the Annual Meeting of the Pine Tree State 4-H Foundation. When he is not attending to legislative business, Whitcomb works as part of his family's dairy farm in Waldo. In recognizing the value of Whitcomb's 4-H experience, 4-H Foundation President Scott Johnson said of Whitcomb: "You represent the best of rural Maine and exemplify to all of us the 4-H motto, 'To make the best better.'" 4-H is the youth development program of the University of Maine Cooperative Extension and reaches some 28,000 participants statewide.

year conference of the American Society for Information Science, Knoxville, May 27.

Bruce Stinson, director of the Conferences and Institutes Division, has been elected president-elect of the Association of Conference & Events Directors — International. He will serve in this capacity until March 1994. As president-elect, Stinson will oversee membership development for the Association, which represents conference and events professionals in higher education. Stinson has been a member of ACED-I since 1987. He previously served as director, treasurer and regional director. He has been a member of the organization's Resource Center Advisory committee, nominating committee chair, and a presenter a several Association conferences. Stinson has been in his position at Orono since 1983. He received his undergraduate and graduate degrees from the University of Maine. The Association of Conference & Events Directors —

International was founded in 1980, and represents over 700 conference and events professionals in North America and Australia. ACED-I is a member of the Convention Liaison Council, the coordinating body of the meetings industry.

Ivan Fernandez, chair and associate professor of soil science, **Lindsey Rustad**, faculty associate in forest soils, **Russell Briggs**, associate professor of forestry, and **Jeffrey Simmons**, assistant research professor forest ecology, presented the paper: "The Howland Integrated Forest Study (HIFS): Nutrient Cycling and Climate Change Effects Research" at the Northern and Southern Global Change Research Program Scientists Meeting in Washington, D.C., June 8-10.



Maine Perspective classified ads are published weekly and are free to faculty, staff and students at the University of Maine. Ads must be typewritten and include a telephone number. They will be published one week only unless otherwise specified. Send ads to: Maine Perspective Classifieds, Public Affairs. Ads must be received by 9 a.m. the Friday before they are to appear in the next week's issue.

FOR SALE

AUTOMOBILE: 1987 Mazda RX-7, 2+2, silver. Power sunroof, air conditioning, 5-speed standard, stereo/tape deck, 81K miles. \$6,000. Call 843-6314 evenings and weekends.

FOOD CONCESSION TRAILER:

"Raspberry Nut Dinette" food concession trailer complete with inventory, listing of NE fairs, and the following equipment: stainless steel food warmer, six-section sandwich unit w/refrig. compartment, GE 20.7-cubic foot no-frost upright refrig./freezer, commercial quick-freeze chest freezer, Frigiking Wedgewood gas stove and oven w/broiler, microwave oven, Royal cash register, commercial aluminum cookware grill, stainless steel pans, and more. Own your own business. \$4,900 or best offer. Call 732-5261 for appointment.

FREEZER: 18 cubic foot white chest freezer. Works great, like new condition. Must see. \$190. Call 827-7527 after 5:30 p.m.

HOUSE: Architect designed, built 1960 in Orono, all glass rear overlooks woods, living dining room, library or office, modern kitchen w/new range/ovens, also new furnace and water heater, master bedroom, two others, utility room, 1 1/2 baths. Call 866-4985 from 9-11 a.m., or 7-9 p.m.

MOBILE HOME: 1975 Maine Made Beaumont. 14x70, 2 bedrooms, 1 bath, all new vinyl windows, 8x12 deck, storage building. Excellent condition. Nice corner lot, all set up in park, two miles to UMaine. Must see. Asking \$19,500. Call 827-4877 after 4 p.m.

PHOTOCOPIER: Canon 1020. New, never used. Reduces, enlarges, legal or letter, stationary top, plain paper copier. Asking \$1,300. Call 827-4655.

REFRIGERATOR: Small 13 cubic foot white Hotpoint refrigerator. Works good, great for a camp. \$40. Call 827-7527 after 5:30 p.m.

SADDLE: Beautiful brown Western saddle, lots of tooling, suede seat. Very good condition. \$200. Call 945-6305.

STOVE: 1940s Universal electric stove with legs, oven with broiler. Excellent condition. Perfect for your nostalgic kitchen. Call 732-5261 for more information.

TOWNHOUSE: Two-bedroom with large master bedroom, 1 1/2 baths, entry hall, livingroom w/sliders to deck. Kitchen with stove, refrig., dishwasher, garbage disposal. Full basement with washer/dryer hook-up. New monitor heating unit installed in January '93. Less than \$130 to heat. This is an adult area within walking distance to campus. Parking for two cars. Will rent with option to buy, \$650/month plus utilities, but would rather sell immediately. Asking \$62,500 with immediate occupancy. A very pleasant community. Call 799-1401 or 871-0112 for information or appointment.

SERVICES

LEARN TO LOVE AGAIN: Counseling for single, divorced and widowed persons challenged by finding a new intimate relationship. Services provided by a state and nationally certified counselor. For more information, call 942-3205. Confidentiality strictly honored.

ETHNIC MUSIC: The Huddled Masses Orchestra is a full-service oompah band for all your ethnic music needs. The band is available to perform ethnic dance music for such events as weddings, bar mitzvahs and festive occasions. Musicians include members of the University community. For more information, contact Joe Niemczura, 634-2878.

NOTARY PUBLIC: Reasonable rates. Call Tracey after 4:30 p.m., 827-6354.

SCHOODIC TOURS: Come paddle with us. Saltwater, freshwater, kayaking or hiking. Experience the sounds, colors, fragrance and wildlife of the Maine Coast from the sea or lake. Tour locations on sea or lakes within a 25-mile radius of Schoodic Point. Fee of \$25 per person includes all equipment and tour leader. Special tours and group rates available. Tour leaders are Don and Mary Alice Bruce who have 25 years of ocean and lake experience. Tour times: early tour - 9-11 a.m.; mid tour - noon-1 p.m.; late tour - 2-4 p.m. Call 963-7958 or write Schoodic Tours, General Delivery, Corea, Maine 04624.

TREE PRUNING: Dead wood removal from your favorite trees. Old fruit trees and nut trees can be revitalized by careful pruning. Call Janet, 581-2935.

FOR RENT

CAMP: Lovely large 3-bedroom camp on clean, quiet spot, Damariscotta Lake. Sandy beach, float. Modern. \$570/week, July or August; \$450/week September. Call 827-3681 evenings.

COTTAGE: Two-bedroom on eastern shore of Little Ossipee Lake, near Sanford. Furnished, canoe included. Available in July for \$350/week; Labor Day week, \$400. Call 209-472-9839.

COTTAGE: Lake shore cottage, modern seasonal, 2-bedroom, with deck on Damariscotta Lake, Jefferson. All conveniences. Beautiful setting. \$450/week. Make your plans now! Call 866-2656 evenings.

HOUSE: Large in-town home in Orono. Three plus bedrooms, private yard. Family preferred. References a must. \$700/month plus utilities. Call 866-7849.

HOUSE: Three-bedroom lake cottage, north shore of Branch Lake, 40-minute drive to campus. Available Aug. 30-May 30. Fully furnished, upgraded kitchen appliances, oil heat, wood stove, 2-car garage, washer/dryer. Beautiful lake views. An ideal setting for a visiting faculty member. Also available during summer week of Aug. 22 for \$600/week. Call Bob, 469-7647.

HOUSE: Three-bedroom house in East Holden, fully furnished, 16 miles to campus. Available Sept. 15-May 31. Large kitchen, 2 1/2 baths, washer/dryer, oil heat, woodstove, fireplace, garage, piano and organ. Beautiful view. An ideal setting for a visiting faculty member. Non-smokers preferred. \$950/month plus utilities. Call 843-6339.

WANTED

ETCHING PRESS: Table model with press bed large enough to take up to 22"x30"

paper. Smaller press bed may be considered. Call 581-1446, Tuesday-Friday.

HOUSE: Dependable, non-smoking visiting faculty member desires a 3- or 4-bedroom house near the University to rent Aug. 1, 1993-Aug. 1, 1994. Would prefer a "sabbatical rental." Call 709-737-2512 (office) M-F, or Email at sfreunds@kcan.ucs.mun.ca.

SCREEN ROOM: Screen room or screen tent wanted. Will buy or prune tree in exchange. Call Janet, 581-2935.

WORK: Experienced house cleaner seeks work. Small jobs welcomed. References supplied. Call 327-1142.

FREE

BED STUFF: Queen size boxspring and frame. Both in good shape. Call Chris, 866-3690.

Farm Store Summer Hours
11 a.m.-7 p.m.,
Monday-Friday

Employee Assistance Program (EAP) Summer Coverage through Sept. 1 is being provided by the UMaine Counseling Center. For an appointment, call x1392, identify yourself as an employee or a family member, and state that you are seeking EAP services. EAP consultations are strictly confidential. For questions about EAP or case of emergencies, ask for Charles Grant, x1392.

Employee Assistance Program-Emergency Loan Fund (EAP-ELF) is being suspended for the months of July and August as the EAP Office will be closed during those months. Applications for the EAP-ELF will be taken Sept. 1 by the EAP Office. Call x4014 for an appointment.

CIT MICROCOMPUTER HELP CENTER

Providing free Macintosh and DOS software assistance

SOFTWARE SERVICES PROVIDED INCLUDE:

- ▼ Support for Mac system software and MS-DOS.
- ▼ Support for software currently available in CIT administered public clusters. This includes most of the popular word processors and spreadsheets.
- ▼ Support for virus detection and removal. The anti-virus programs Disinfect (Mac) and F-Prot (DOS) are available free of charge.
- ▼ Disk and file recovery for both platforms.
- ▼ Document translation between Mac and DOS platforms using MacLink Plus.
- ▼ Document conversion between a wide variety of DOS word processing packages. This includes conversions from very old packages to the more popular packages currently in use.
- ▼ Installation of registered software.
- ▼ Distribution of Microsoft "patch" disks (disks provided to repair program bugs).

EQUIPMENT AVAILABLE BY APPOINTMENT (CALL X2506):

- ▼ HP color scanner for the DOS platform.
- ▼ OneScanner grey scale scanner for the Mac platform.
- ▼ Lasergraphics LFR slide maker for both platforms.

CONSULTANTS ON DUTY: MONDAY-THURSDAY 8 A.M.-9 P.M.

FRIDAY 8 A.M.-5 P.M.

HELP IS AVAILABLE BY: CALLING X2506

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Positions Available

Advertisements for job openings to appear in Maine Perspective must be submitted to the Office of Equal Opportunity, 318 Alumni Hall, no later than noon Wednesday. Guidelines for filling professional positions, including forms for posting positions in Maine Perspective, are available by contacting the Office of Equal Opportunity, x1226. A Request to Fill Form must be approved before posting in Maine Perspective (if not already approved).

Program Administrator, (Internal Search), Cooperative Extension position. Five-year appointment, renewable based on performance in the position as determined through an annual evaluation process. Salary: Compensation in the amount of up to \$10,000 above current faculty salary. Deadline for applications is 7/15/93. Start Date: 8/1/93. For further information, contact Acting Director of Cooperative Extension. To apply, submit a letter of application. The letter should outline the reasons for pursuing this position and describe the strengths and skills the applicant would bring to this job.

Assistant Professor of Special Education, College of Education. One-year, fixed-length appointment. Review of applications will begin 7/14/93 and will continue until the position is filled. For further information, contact Walter Harris, Chair, Special Education Search Committee, 5766 Shibles Hall, Orono, ME 04469-5766. To apply, send a letter of application, vita, graduate transcripts, three current letters of recommendation, names of three additional references at least one of whom can attest to the quality of teaching, and a representative sample of scholarly work.

Asbestos Management Specialist, Facilities Management. Full-time position. Salary Range: \$22,000-\$24,000. Review of applications will begin 7/12/93. Start Date: 9/1/93. For further information,

contact Merton Wheeler, Associate Director for Operations, Office of Facilities Management, University of Maine, 5765 Service Building, Orono, ME 04469-5765. To apply, submit a letter of application and resume.

Assistant Scientist for Pesticide Training Program, Cooperative Extension. Full-time, fiscal-year appointment. Reappointment contingent on funding. Salary: \$25,000. Deadline for applications is 7/16/93. Start Date: 9/1/93. For further information, contact Sandra Vaillancourt, 5741 Libby Hall 103, Orono, ME 04469-5741. To apply, send letter of intent, vita, transcripts, and four names and addresses of four professional references.

Research Associate, College of Education. Fiscal-year professional position. Salary: \$24,000. Review of applications will begin 7/5/93. For further information, contact Sara Sheppard, University of Maine, 5766 Shibles Hall, Orono, ME 04469-5766. To apply, send resume, letter of application, and names and phone numbers of three references.

News Writer, Department of Public Affairs. Professional position. Salary Range: \$25,000-\$29,500, depending on related experience. Review of applications will begin 7/14/93. For further information, contact Director of Public Affairs, University of Maine, 5761 Public Affairs Building, Orono, ME 04469-5761. To apply, send a letter of application, resume and recent published writing samples.

Assistant Director of Admissions, Admissions Office. Full-time, 10-month appointment, Aug. 1-May 30. Salary Range: \$16,750-\$18,000. Deadline for applications is 7/2/93. For further information, contact Search Committee, Admissions Office, 5713 Chadbourne Hall, Orono, ME 04469-5713. To apply, submit current resume and the names of three references.

Marketing and Promotions Manager, Maine Center for the Arts. Professional position. Salary Range: \$25,000-\$30,000, depending on experience. Review of applications will begin immediately and will continue until a suitable candidate is found. For further information, contact Marketing Search, University of Maine, 5746 Maine Center for the Arts, Orono, ME 04469-5746. To apply, send a letter of application, resume, three letters of reference and a portfolio with examples of applicant's work to include but not limited to brochures, posters, marketing promotional strategies and copies of articles written or published.

Outreach Counselor, (position based in Portland), Maine Educational Opportunity Center. Salary Range: \$20,380-\$22,622. Deadline for applications is 7/16/93. For further information, contact Search Committee, Maine Educational Opportunity Center, University of Maine, 5713 Chadbourne Hall, Orono, ME 04469-5713. To apply, send resume, letter of application, names and phone numbers of three references.

Cataloger/Database Specialist, Raymond H. Fogler Library. Fiscal-year, professional position. Salary Range: \$24,000-\$26,000, dependent on qualifications. Review of applications will begin 8/1/93 and continue until a suitable candidate is obtained. For further information, contact Chair, Search Committee, University of Maine, 5729 Raymond H. Fogler Library, Orono, ME 04469-5729. To apply, send letter of application, transcripts, and resume with names of three references.

Writing Center Director/Instructor in English, Department of English. Academic-year, fixed-length appointment. Salary: \$20,290. Deadline for application is 7/14/93. Start Date: 9/1/93. For further information and to apply, contact Search Committee, Department of English, Room 304, University of Maine, 5752 Neville Hall, Orono, ME 04469-5752.

The University of Maine does not discriminate on the basis of race, color, religion, sex, sexual orientation, national origin or citizenship status, age, disability or veteran status, and promotes affirmative action for women, minorities, persons with disabilities and veterans. Unless otherwise specified, the jobs are full-time, and the address for application information is: The contact person listed, department, University of Maine, Orono, Maine 04469. The listings above are greatly abbreviated. In order to assess your background relative to the job and to submit the most effective application, contact the hiring department for more complete information.

MEMORIAL UNION BUILDING SUMMER HOURS

Building: Monday-Friday - 7 a.m.-10 p.m.; Saturday - 7 a.m.-8 p.m.; Sunday - 7 a.m.-9 p.m. Building may close additional weekends, if scheduling permits. Check with Information Center, 581-1731.

Offices: Monday-Friday - 8 a.m.-4:30 p.m. Closed weekends. Some offices will close for vacations periodically. Check for notices on doors.

Newscounter: Monday-Friday -7:30 a.m.-4 p.m. Closed weekends.

Bookstore: Monday-Friday - 8 a.m.-4:30 p.m. Closed weekends.

Food Service: Fernald Snack Bar and Ford Room - Closed. Darnn Yankee: Monday-Friday, through Aug. 13 - 7 a.m.-3:30 p.m. Bear's Den: Monday-Friday, Aug. 13-Sept. 3, 7 a.m.-3:30 p.m. Both closed weekends.

Maine Bound and Rec Center: Monday-Saturday - 9 a.m.-7 p.m.

Computer Cluster: Monday-Friday - 1-10 p.m.; Saturday - noon-8 p.m.; Sunday - noon-9 p.m.

Credit Union: Closed for the summer. Services available at the main office, Rangeley Road.



Administration on Aging's Discretionary Funds support research, program development, information dissemination, training, technical assistance, and other capacity-building efforts. The FY93 program identifies 23 priority areas, with emphasis on developing and strengthening systems of home- and community-based long-term care, and responding to the needs of vulnerable older populations. Deadlines vary between July 19 and Sept. 10.

Maine Space Grant Consortium will make three kinds of grants in 1993. Maine Researcher Enhancement Awards support faculty research visits to other institutions; a deadline will be announced in September. Academic/Industry Collaborative Research Grants support innovative aerospace-related research and development; deadline is Aug. 3. Travel Stipends provide up to \$500 for travel to conferences, NASA centers, other researchers, and funding agencies; requests are accepted on an ongoing basis.

Water Environment Research Foundation (formerly Water Pollution Control Federation Research Foundation) has issued 10 Requests for Proposals in four priority areas: collection and treatment systems, residuals management, integrated resource management, and human health and environmental effects. Deadline: Aug. 13.

U.S. Department of Agriculture's Alternative

Agricultural Research and Commercialization Center seeks proposals and preproposals for precommercial development of new industrial products (not food, feed or traditional fiber) from agricultural and forestry materials. A one-to-one match is required. Deadline: Aug. 31.

American Council of Learned Societies awards fellowships for research in the humanities. Maximum awards: \$5,000 for summer 1994, or \$20,000 for six-12 consecutive months beginning between July 1, 1994-Feb. 1, 1995. Deadline: Sept. 30.

Committee on Scholarly Communication with China offers fellowships for research in China in the social sciences and humanities. Deadline for 1994-1995 awards: Oct. 16.

NSF-NATO East Europe Fellowships promote interactions between scientists, engineers, and educators in the disciplines supported by NSF in the U.S. and Eastern Europe. Awards support visits of normally not more than 30 days to the U.S. by a Fellow from a Partner Country and/or a visit to a Partner Country or Countries by an American Fellow for purposes of lecturing, research, or other professional interactions. Next deadline: Oct. 28.

U.S. Department of Energy's initiative for research, development and demonstration of advanced technologies for the pulp and paper industry aims to improve the energy efficiency, productivity, and competitiveness of operations, and to reduce their adverse environmental impacts. Projects must involve industry. Competition is open until Oct. 29, but earlier submission is advised.

U.S. Information Agency's University Affiliations Program supports institutional partnerships between U.S. and foreign universities with grants for the exchange of faculty and staff. Eligible disciplines vary by country. Deadline: Nov. 8.

Agency for Health Care Policy and Research seeks research and evaluation addressing healthcare quality improvement and quality assurance. Priority areas include methods and measures, information technologies, organization of quality improve-

ment and assurance, and use of quality-related information. Projects promising results in two years or less are of particular interest.

National Institute on Alcohol Abuse and Alcoholism invites applications for research to advance understanding of the biological and psychosocial mechanisms underlying associations between alcohol consumption and interpersonal violence, and to identify and test interventions to reduce and/or prevent alcohol-related violence and the alcohol-related sequelae of such violence.

German Academic Exchange Service has several grant programs to support scholars and other professionals in study, research, and information visits to Germany, and in conducting German Studies in the U.S. For a copy of the 1994 program announcement, or for more information, call Research & Sponsored Programs, x1476.

Maine Perspective is published monthly in the summer, and will return to weekly publication in August.

NEXT DEADLINE: JULY 30

If you have news or information, and need to put it in Perspective,

**WRITE: MAINE PERSPECTIVE, PUBLIC AFFAIRS ▲ E-MAIL: NAGLE
FAX: MAINE PERSPECTIVE, 581-3776 ▲ CALL: 581-3745**

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